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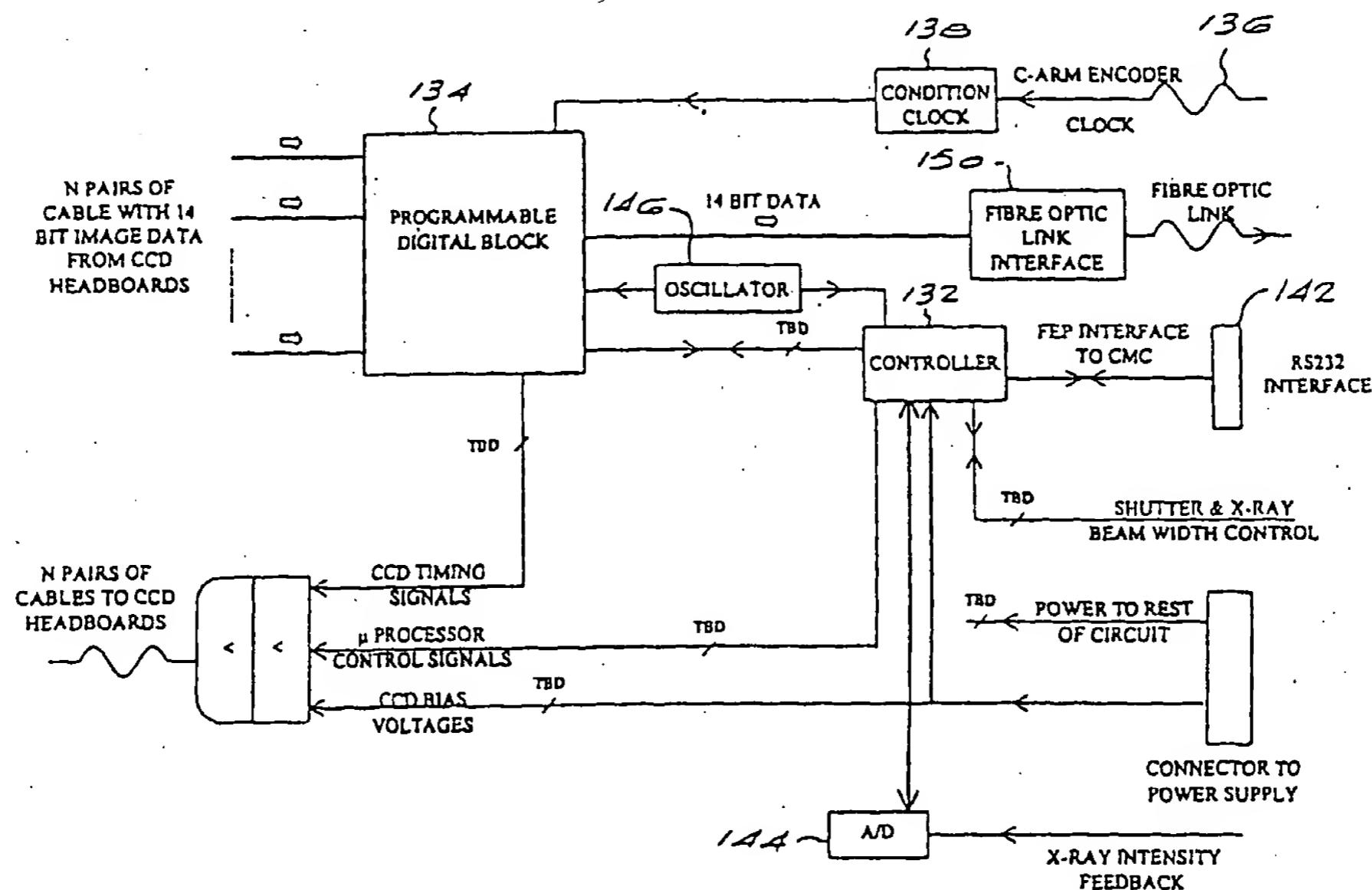
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(54) Title: IMAGING APPARATUS



(57) Abstract

X-ray imaging apparatus is provided for generating a composite image of a subject by moving a radiation source (12) and a camera array (122) relative to the subject. A drive mechanism (22) generates clock signals which are used to synchronise the operation of the camera array with the movement thereof, and the composite image data which is generated is stored for display and further signal processing. Control means move the radiation source (12) and the camera array (122) according to the intensity of the imaging beam.